DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND DEVICES FOR OBTAINING NON-HEMATOPOIETIC LINEAGE CELLS FROM HEMATOPOIETIC PROGENITOR CELLS

the specification of which is attached hereto unless the following is checked:

[X] was filed on March 22, 2002, as U.S. Application No. 10/088,826 bearing attorney docket No. C1005/7008.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

| | | | | iority imed |
|----------|-------------------------------|------------------|-------------|----------------|
| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | [] YES | [] NO |
| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | _ [] YES | [] NO |
| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | _ [] | [] NO |

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

| 60/217,438 | <u>07/10/00</u> |
|----------------------|-----------------|
| (Application Number) | (filing date) |
| 60/156,031 | <u>09/23/99</u> |
| (Application Number) | (filing date) |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| (Application N | [0.) | (filing date) | (status-patented, pending, abandoned) |
|-------------------|------------------|-----------------------------|---------------------------------------|
| (Application N | (0.) | (filing date) | (status-patented, pending, abandoned) |
| PCT International | Applications des | ignating the United States: | |
| PCT/US00/26020 | | September 22, 2000 | pending |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| Robert M. Abraha | | Jason M. Honeyman | 31,624 | Edward J. Russavage | 43.069 |
|--------------------|--|----------------------|--------|--------------------------|--------|
| Konstantinos And | rikopoulos 48,915 | Robert E. Hunt | 39,231 | Stanley Sacks | 19,900 |
| Eric Amundsen | 46,518 | Ronald J. Kransdorf | 20,004 | Robert A. Skrivanek, Jr. | 41,316 |
| John N. Anastasi | 37,765 | Peter C. Lando | 34,654 | Alan W. Steele | 45,128 |
| Ilan Barzilay | <u> 46,540 </u> | M. Brad Lawrence | 47,210 | Mark Steinberg | 40,829 |
| Carole Boelitz | 48,958 | Helen C. Lockhart | 39,248 | Joseph Teja, Jr. | 45,157 |
| Gary S. Engelson | 35,128 | Matthew B. Lowrie | 38,228 | Maryanne Trevisan | 48,207 |
| /- Neil P. Ferraro | 39,188 | William R. McClellan | 29,409 | John R. Van Amsterdam | 40,212 |
| Thomas G. Field I | II 45,596 | Daniel P. McLoughlin | 46,066 | Robert H. Walat | 46,324 |
| Stephen R. Finch | 42,534 | James H. Morris | 34,681 | Kristin D. Wheeler | 43,583 |
| Edward R. Gates | 31,616 | Timothy J. Oyer | 36,628 | Lisa E. Winsor | 44,405 |
| Richard F. Giunta | 36,149 | Edward F. Perlman | 28,105 | David Wolf | 17,528 |
| Lawrence M. Gree | en <u>29,384</u> | Elizabeth R. Plumer | 36,637 | Douglas R. Wolf | 36,971 |
| George L. Greenfi | eld <u>17,756</u> | Michael J. Pomianek | 46,190 | _ | |
| James M. Hanifin, | Jr. 39,213 | Randy J. Pritzker | 35,986 | | |
| Steven J. Henry | 27,900 | | | | |
| | | | | | |

Address all telephone calls to Konstantinos Andrikopoulos at telephone no. (617) 720-3500. Address all correspondence to:

> Konstantinos Andrikopoulos c/o Wolf, Greenfield & Sacks, P.C., Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or joint inventor: Mark J. Pykett

Citizenship:

US

Residence:

223A Main Street, Boxford, MA

MA

Post Office Address:

223A Main Street, Boxford, MA

01921

Inventor's signature

Michael Rosenzweig

Citizenship: Residence:

Republic of South Africa

20 Fayette Street, #2, Boston, MA

MA

Post Office Address:

20 Fayette Street, #2, Boston, MA

02116

Inventor's signature

Date

Full name of first or joint inventor: Naheed Banu

Full name of first or joint inventor:

OCitizenship:

Residence:

US 10 Village Way, Brookline, MA

Post Office Address:

10 Village Way, Brookline, MA

02445

Attorney Docket No. C1005/7008 (ERG/KA)

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND DEVICES FOR OBTAINING NON-HEMATOPOIETIC LINEAGE CELLS FROM HEMATOPOIETIC PROGENITOR CELLS

the specification of which is attached hereto unless the following is checked:

[X] was filed on March 22, 2002, as U.S. Application No. 10/088,826 bearing attorney docket No. C1005/7008.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b): Priority Claimed [] YES (DD/MM/YY Filed) (Country-if PCT, so indicate) (Number) (DD/MM/YY Filed) (Country-if PCT, so indicate) (Number) (DD/MM/YY Filed) YES (Country-if PCT, so indicate) (Number)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

| 60/217.438 | 07/10/00 |
|----------------------|------------------|
| (Application Number) | (filing date) |
| 60/156,031 | <u> 09/23/99</u> |
| (Application Number) | (filing date) |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| (Application No.) | (filing date) | (status-patented, pending, abandoned) |
|---|---|--|
| (Application No.) | (filing date) | (status-patented, pending, abandoned) |
| PCT International Applications desi | gnating the United States: | |
| PCT/US00/26020 (PCT Appl. No.) (U.S. Ser. No.) | September 22, 2000 (PCT filing date) | pending (status-patented, pending, abandoned) |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| transact all business in Robert M. Abrahamsen Konstantinos Andrikopoulos Eric Amundsen John N. Anastasi | 40,886 48,915 46,518 37,765 | Jason M. Honeyman Robert E. Hunt Ronald J. Kransdorf Peter C. Lando | 31,624 39,231 20,004 34,654 | Edward J. Russavage Stanley Sacks Robert A. Skrivanek, Jr. Alan W. Steele | 43,069 19,900 41,316 45,128 40,829 |
|---|--|--|--|--|--|
| Ilan Barzilay Carole Boelitz Gary S. Engelson Neil P. Ferraro Thomas G. Field III Stephen R. Finch Edward R. Gates Richard F. Giunta Lawrence M. Green George L. Greenfield James M. Hanifin, Jr. | 46,540 48,958 35,128 39,188 45,596 42,534 31,616 36,149 29,384 17,756 39,213 | M. Brad Lawrence Helen C. Lockhart Matthew B. Lowrie William R. McClellan Daniel P. McLoughlin James H. Morris Timothy J. Oyer Edward F. Perlman Elizabeth R. Plumer Michael J. Pomianek Randy J. Pritzker | 47,210 39,248 38,228 29,409 46,066 34,681 36,628 28,105 36,637 46,190 35,986 | Mark Steinberg Joseph Teja, Jr. Maryanne Trevisan John R. Van Amsterdam Robert H. Walat Kristin D. Wheeler Lisa E. Winsor David Wolf Douglas R. Wolf | 45,157 48,207 40,212 46,324 43,583 44,405 17,528 36,971 |
| Steven J. Henry | 27,900 | · | | | |

Date

Date

Address all telephone calls to Konstantinos Andrikopoulos at telephone no. (617) 720-3500. Address all correspondence to:

Konstantinos Andrikopoulos c/o Wolf, Greenfield & Sacks, P.C., Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature

or: Mark J. Pykett

Full name of first or joint inventor:

US

Citizenship: Residence:

223A Main Street, Boxford, MA

01921

Post Office Address:

223A Main Street, Boxford, MA

01921

Inventor's signature

Michael Rosenzweig

Full name of first or joint inventor: Citizenship:

Republic of South Africa

Residence:

20 Fayette Street, #2, Boston, MA

02116

Post Office Address:

20 Fayette Street, # 2, Boston, MA

aherd Bana

02116

Inventor's signature

Naheed Banu

Full name of first or joint inventor: Citizenship:

TIS

Residence:

10 Village Way, Brookline, MA

02445

Post Office Address:

10 Village Way, Brookline, MA

02445

C1005/9000 IFD/rxc

PATENT COOPERATION TREATY

GENERAL POWER OF ATTORNEY

The undersigned Applicant hereby appoints:

| Robert M. Abrahamsen | 40,886 | Jason M. Honeyman | 31,624 | Stanley Sacks | 19,900 |
|-----------------------|--------|----------------------|----------|--------------------------|--------|
| Eric Amundsen | 46,518 | Robert E. Hunt | 39,231 | Christopher S. Schultz | 37,929 |
| John N. Anastasi | 37,765 | Ronald J. Kransdorf | 20,004 | Alan B. Sherr | 42,147 |
| Ilan Barzilay | 46,540 | Peter C. Lando | 34,654 | Robert A. Skrivanek, Jr. | 41,316 |
| Gary S. Engelson | 35,128 | M. Brad Lawrence | P 47,210 | Alan W. Steele | 45,128 |
| Neil P. Ferraro | 39,188 | Helen C. Lockhart | 39,248 | Mark Steinberg | 40,829 |
| Thomas G. Field, III | 45,596 | Matthew B. Lowrie | 38,228 | Joseph Teja, Jr. | 45,157 |
| Stephen R. Finch | 42,534 | William R. McClellan | 29,409 | John R. Van Amsterdam | 40,212 |
| Edward R. Gates | 31,616 | Daniel P. McLoughlin | 46,066 | Michael G. Verga | 39,410 |
| Richard F. Giunta | 36,149 | James H. Morris | 34,681 | Robert H. Walat | 46,324 |
| Peter J. Gordon | 35,164 | M. Lawrence Oliverio | 30,915 | Lisa E. Winsor | 44,405 |
| William G. Gosz | 27,787 | Timothy J. Oyer | 36,628 | David Wolf | 17,528 |
| Lawrence M. Green | 29,384 | Edward F. Perlman | 28,105 | Douglas R. Wolf | 36,971 |
| George L. Greenfield | 17,756 | Michael J. Pomianek | 46,190 | | |
| James M. Hanifin, Jr. | 39,213 | Elizabeth R. Plumer | 36,637 | | |
| Therese A. Hendricks | 30,389 | Randy J. Pritzker | 35,986 | | |
| Steven J. Henry | 27,900 | Robert E. Rigby, Jr. | 36,904 | | |
| | | Edward J. Russavage | 43,069 | | |

of Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, Massachusetts 02210, United States of America, to act on its behalf before all competent International Authorities in connection with any and all international applications filed on its behalf with the United States Patent and Trademark Office as Receiving Office and to make or receive payments on its behalf.

CELL SCIENCE THERAPEUTICS, INC. 50 Cummings Park Woburn, Massachusetts 01801 United States of America

| Date: 4-12-01 | | y in 24 |
|---------------|-------------|----------------------|
| , | Typed Name: | Mark J. Cykett ut |

C1005/9000 IFD/rxc

PATENT COOPERATION TREATY

GENERAL POWER OF ATTORNEY

The undersigned Applicant hereby appoints:

| Robert M. Abrahamsen | 40,886 | Jason M. Honeyman | 31,624 | Stanley Sacks | 19,900 |
|-----------------------|--------|----------------------|----------|--------------------------|--------|
| Eric Amundsen | 46,518 | Robert E. Hunt | 39,231 | Christopher S. Schultz | 37,929 |
| John N. Anastasi | 37,765 | Ronald J. Kransdorf | 20,004 | Alan B. Sherr | 42,147 |
| Ilan Barzilay | 46,540 | Peter C. Lando | 34,654 | Robert A. Skrivanek, Jr. | 41,316 |
| Gary S. Engelson | 35,128 | M. Brad Lawrence | P 47,210 | Alan W. Steele | 45,128 |
| Neil P. Ferraro | 39,188 | Helen C. Lockhart | 39,248 | Mark Steinberg | 40,829 |
| Thomas G. Field, III | 45,596 | Matthew B. Lowrie | 38,228 | Joseph Teja, Jr. | 45,157 |
| Stephen R. Finch | 42,534 | William R. McClellan | 29,409 | John R. Van Amsterdam | 40,212 |
| Edward R. Gates | 31,616 | Daniel P. McLoughlin | 46,066 | Michael G. Verga | 39,410 |
| Richard F. Giunta | 36,149 | James H. Morris | 34,681 | Robert H. Walat | 46,324 |
| Peter J. Gordon | 35,164 | M. Lawrence Oliverio | 30,915 | Lisa E. Winsor | 44,405 |
| William G. Gosz | 27,787 | Timothy J. Oyer | 36,628 | David Wolf | 17,528 |
| Lawrence M. Green | 29,384 | Edward F. Perlman | 28,105 | Douglas R. Wolf | 36,971 |
| George L. Greenfield | 17,756 | Michael J. Pomianek | 46,190 | - | |
| James M. Hanifin, Jr. | 39,213 | Elizabeth R. Plumer | 36,637 | | |
| Therese A. Hendricks | 30,389 | Randy J. Pritzker | 35,986 | | |
| Steven J. Henry | 27,900 | Robert E. Rigby, Jr. | 36,904 | | |
| • | | Edward J. Russavage | 43,069 | | |

of Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, Massachusetts 02210, United States of America, to act on its behalf before all competent International Authorities in connection with any and all international applications filed on its behalf with the United States Patent and Trademark Office as Receiving Office and to make or receive payments on its behalf.

CELL SCIENCE THERAPEUTICS 50 Cummings Park Woburn, Massachusetts 01801 United States of America

| Date: | 1 | u | 01 | Mark | 12 wit | | |
|-------|---|-----|----|-----------------|--------|------|--|
| | , | - [| | Typed Name: | | ykeH | |